

## WHAT IS CLAIMED IS:

1. An ignition controller for a barbecue grill, comprising:

5           a pressure controller having a housing with a first inlet and a first outlet,  
wherein a gas flow flows into the housing via the first inlet and flows out of the  
housing via the first outlet, and

          an ignition adjustor having a housing with a second inlet and a second outlet  
10   and an adjusting assembly, wherein the second outlet is connected to the second inlet  
and the second inlet is connected to the first outlet of the pressure controller and the  
adjusting assembly is movably mounted to the housing to adjust the gas flow rate in  
the second outlet;

15           wherein the ignition controller is mounted on the barbecue grill with the first  
inlet connected to a gas supply and the second outlet connected to a burner member  
whereby the gas flow has a stable pressure and the gas flow rate is precisely adjusted.

2. The ignition controller as defined in claim 1, wherein the housing of the  
20   ignition adjustor has a box and a cover coupled with each other and the adjusting  
assembly is mounted in the housing.

3. The ignition controller as defined in claim 2, wherein the ignition adjustor  
further has an ignition assembly.

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4. The ignition controller as defined in claim 2, wherein the box of the housing of the ignition adjustor further has a flame output.